

On the Problem of Using Nuclear Reactions to
Calibrate Radiometers of Fast Neutrons,
by B. D. Vasil'yev, et al.
RUSSIAN, rpt, Soyuznyy Nauchno-Issledovatel'skiy
Institut Priborostroyeniya, Doklady, No 3,
1966, pp 22-25.
*FTD HT 23-816-67

Nucl Sci
May 67

Seasonal and Intraseasonal Variations of Temperature, Geopotential and Atmospheric Circulation in the Stratosphere, by G. P. Pogonyan. 114 pp.

RUSSIAN, mono, Sezonnyye i Vnutrisezonnyye
Izmeneniya Temperatury, Geopotentsiala i Atmos-
fernoy Tsirkulyatsii v Stratosfere. Meteorolo-
giya. No 10, 1965, pp 1-111.
AIR/FPD/ET-24-147-68

sci/atmosph sci
mar 69

376,534

The Modeling Method in the Investigation of the Stress-Strain State Around Horizontal Underground Excavations,
by P. N. Tsai.

RUSSIAN, per, Stroitel'stvo, Vol 15, No 2,
1971, pp 13-17.

*NTIS IT 72-53019

Mar 72

Shield and Sword, by Vadim Kozhevnikov, 247 pp.
RUSSIAN, bk, Shchit i Koch, Moscow, 1965, 1030 pp.
JPRS 56046-1

May 72

Shield and Sword, by Vadim Kozhevnikov, 255 pp.
RUSSIAN, bk, Shchit i Mech., Moscow, 1965, 1030 pp.
JPRS 56046-2

May 72

Shield and Sword, by Vadim Rozhevnikov, 240 pp.
RUSSIAN, bk, Shchit i Mech, Moscow, 1965, 1030 pp.
JPRS 56046-3

May 72

Shield and Sword, by Vadim Kozhevnikov, 273 pp.
RUSSIAN, bk, Shchit i Mech, Moscow, 1965, 1030 pp.
JPRS 56046-4

May 72

Shelf Glaciers of Queen Maud Land, by
Yu. A. Kruchinin. 163 pp.
RUSSIAN, Ek, Shel'fovyh Lednikh Zemli Korolevy
Pod, 1965, 1969.
CFSTI TT 68-50489

sci/earth sci
apr 69

380,017

Ignition of a Drop of Fuel, by G. A. Varshavskiy,
5 pp.

RUSSIAN, rpt, Shestaya Mezhvuzovskaya Konferentsiya Po
Voprosam Ispareniya, Gorennya i Gazovoy Dinamiki
Dispersnykh Sistem, Odessa, 1968, pp 91-95.

ARM/FSTC/HT-23-326-72

Aug 72

A. A. Dolinskiy

Determination of the field of heat and mass exchange during vaporisation of a liquid into a counterflow of gas. 6 pp.

RUSSIAN, Shestaya Mazhuvusovskaya Konferentsiya po Voprosam Ispareniya, Goreniya i Gazovoy Dinamiki Dispersnykh Sistem, Odessa, 1968, pp 181-185

AIR/FTD-MT-24-1483-72

dec 72

COMPLETED SPECIAL

17637
31 May 68

Kurohatov, Aleksandr I.

The Kona Web of Espionage.
SHIONSKAYA PAUTINA RONNA, Moscow, 1967

Special type A

Functional Special Clothing for Builders, by
N. Shebanov, 7 pp.
RUSSIAN, per, Shkola Nauchnoy Organizatsiy Truda,
pp 14-16.
ACSI J-9727
FSTC-HT-23-110-71

Oct 71

The Course "Principles of Production" in the
Secondary School, by M. A. Zhidalev, 11 pp.
RUSSIAN, per, Shkola i Proizvodstvo, No 1,
Jan 1966, pp. 44-50.
JPRS 35501

USSR
Soc
May 66

300,315

Improvement Needed in Labor-Training of
School Children, 7 pp.
RUSSIAN, per, Shkola i Proizvodstvo,
No 2, 1966, pp. 3-7.
JPRS 35501

USSR
Soc
May 66

300,321

A Course in Basic Principles for Polytechnical Labor Training, by M. Z. Akmalov, 7 pp.
RUSSIAN, per, Shkola i Proizvodstvo, No 2,
1966, pp. 8-10,
JPRS 35501

USSR
Soc
May 66

300,322

More Manual Training Needed in Secondary
Schools to Train Students for Blue-Collar
Jobs, by K. A. Ivanovich, 5 pp.
RUSSIAN, per, Shkola i proizvodstvo, No 6,
1966, pp. 8-9.
JPRS 37604

USSR
Soc
Oct 66

312,389

Recommendations of the "Indoctrination of a
Communist Attitude toward Labor among Students"
Section at the All-Union Conference on Prob-
lems of the Indoctrination of Senior-Class
Students, 10 pp.

RUSSIAN, per, Shkola i proizvodstvo, No 6,
1966, pp. 10-13.

JPRS 37604

USSR

Soc

Oct 66

312,390

Job Placement of School Graduates, by A. V.
Pukintsev, 5 pp.
RUSSIAN, per, Shkola i Proizvodstvo, No 6,
Jun 1966, pp. 21-23.
JPRS 37738

USSR
Soc
Oct 66

311,856

Vocational Training of Senior Secondary
School Students to be Improved, by the
Ministry of Education RSFSR, 7 pp.
RUSSIAN, per, Shkola i Proizvodstvo. No 7.
1966, pp. 3-6.
JPRS 38602

USSR
Soc
Nov 66

313,835

All-Union Conference on Vocational Training Held,
29 pp.
RUSSIAN, per. Shkola i Proizvodstvo, Moscow,
No 8, 1969, pp 62-69.
JPRS 48857

USSR
Pol
Sept 69

391.947

Shubnikov Groups, by V. A. Koptsik.
RUSSIAN, bk, Shubnikovskie Gruppy,
4th Quarter of 1966.
*CB

Sci
Jan 66

Yu. Ts. Andropov-Galavina

Notes and notes-induced statements

RUSSIAN, bk. Shim i shchastie pp. 22-23, 1972, 304 pp.

WASA IT P 748

aug 72

Consumer Goods Industry in Light of CC CPSU
September 1965 Plenum Decisions, by S. S.
Starostin, 7 pp.
RUSSIAN, per, Shveytnaya Promyshlennost',
No 6, Nov-Dec 1965, pp. 1-6.
JPRS 34546

USSR
Pol
Apr 66

298,091

New Perspectives in Economic Management of
the Sewing Industry, by N. I. Sotnikov,
13 pp.
RUSSIAN, per, Shveytnaya promyshlennost',
No 1, 1966, pp. 1-7.
JPRS 35514

USSR
Econ
May 66

301,537

Planning Production and Specialization of Mass
Production Clothing Enterprises Using Math-
ematical Methods and a Computer, by Yu. M.
Rosental' and N. L. Sotnikov, 8 pp.
RUSSIAN, per, Shveytnaya Promyshlennost', No 4,
Jul-Aug 1966, pp. 6-11.
JPRS 38567

USSR
Econ
Nov 66

313,869

Introduction of Wholesale Prices for Sewing
Industry Articles Urged, by S. G. Babad-
shanov, 6 pp.

RUSSIAN, per. Shveytnaya Promyshlennost', No 1,
Jan-Feb 1967, pp. 5-8.
JPRS 40754

USSR
Econ
May 67

325,583

Results of New Planning and Incentive in the
Sewing Industry, by G. P. Antonova, 8 pp.
RUSSIAN, per, Ekspozitsiya Promyshlennost', No 3,
May-June 1967, pp 1-5.
JPHB 42703

USSR
Econ
Oct 67

341,697

Basic Trends and Organization of
Work for Creating Automated Control
Systems for Sewing Industry Enter-
prises, 6 pp. by N.A. Svetlova.
RUSSIAN, journal, Shveynaya Promysh-
lennost', No. 6, Moscow, Nov-Dec 67,
pp. 8-11.
JPRS 44,537

Sci-Mech., Ind., Civil and
Marine Engineering
Feb 68 351,847

An Improvement in the Management of the Sewn
Goods Industry, by V.M. Nikitin, 8 pp.
RUSSIAN, per, Stroyevaya Promyshlennost',
Moscow, No. 2, March-April 68, pp. 2-6.
JPRS 45,502

USSR
Economic
May 68

358,627

Reserves for Labor Productivity Growth in
the Ukraine's Sewn Goods Industry, by
R.I. Frukhshtein and L. F. Kiselyuk, 6 pp.
RUSSIAN, per, Shveytnaya Promyshlennost',
Moscow, No. 1, March-April 68, pp. 15-18.
JPRS 45,502

USSR
Economic
May 68

358,628

Investigation of the Cutting of Fabrics in the
Making-Up Industry Using a CO₂ Laser Beam, by
G. P. Bazyuk.
RUSSIAN, per. Shvoin. Prom., No 3, 1968, pp.
12-15.
NLL Ref: 5828.4F (M.7628)

sci-mat
sept 69

399,241

Management Structure of Garment Industry Given,
by V. M. Nikitin, 9 pp.
RUSSIAN, per. Shveynaya Promyshlennost', Moscow,
No 4, 1968, pp 3-8.
JPRS 46732

Sci-Tech Engr
Nov 68

367,992

Measures for Light Industry Development Out-
lined, 8 pp.
RUSSIAN, per. Shvaynaya Promyshlennost',
Moscow, No 5, Sept-Oct 1968, pp 1-4.
JPRS 46,890

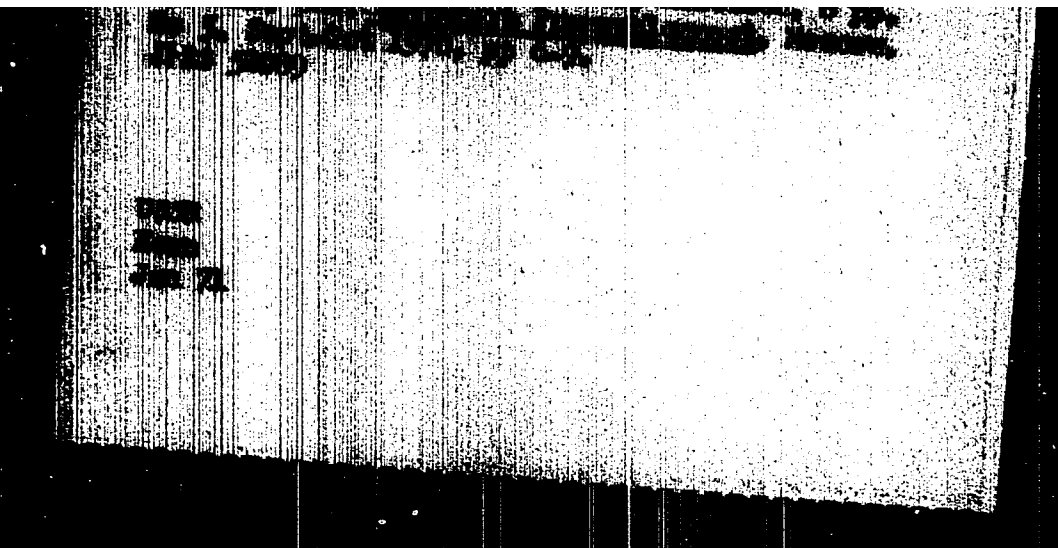
USSR
Econ
Dec 68

354,619

Management, Fixed Capital in Sewing Industry,
by V. Yu. Yakub, O. S. Sitnikov, 5 pp.
RUSSIAN, per, Shveytnaya Promyshlennost',
Moscow, No 5, Sept-Oct 1968, pp 6-8.
JPRS 46,890

USSR
Econ
Dec 68

374,620



V. A. Zrazhevskii

An Examination of the Possibility of Using
Micro-Plasma Arcs for Cutting Cloth Patterns
RUSSIAN, per, Shveinaya Promyshlennost, No 2,
1971, pp 14-18.
NFC 72-14007-13I

Nov 72

The Ion Composition and Vertical Distribution
of Charged Particles in the F Region of the
Ionosphere and in the Protonosphere, by
M. A. Kutinskaya and V. M. Polyakov. 26 pp.
RUSSIAN, rpt, Sibirskiy Institut Zemnogo Magnetizma
Issledovaniye Ionosfery, 1970, pp 64-89.
AIR/ITD/HG-23-370-71

Dec 71

An Investigation of Scattered Reflections at
Magnetic Conjugate Points, by E. S. Kazimirovskiy,
V. D. Kokorov, 10 pp.
RUSSIAN, rpt, Sibirskiy Institut Zemnogo Magnetizma
Izledovaniya Ionosfery, 1970, pp 131-139.
AIR/ITD-HC-25-371-71

Oct 71

Relationship Between Electron Concentration at
Altitudes of 100 and 110 KM and Perturbation of
the Earth's Magnetic Field, by L. P. Korsunova.
10 pp.

PUBLISHED, per, Sibirskiy Institut Zemnogo Magnetizma.
Issledovaniye Ionosfery, 1970, pp 147-155.
AIR/FTD-RC-23-369-71

Oct 71

On the Geometry of Cones in A Banach Space, by
I.A. Bakhtin (Bahtin)
RUSSIAN, per, *Sibirskii Matematicheskii Zhurnal*,
Vol. 6, No. 2, pp 262-270 (1965)
CLB-3 1-640

APL/JHU CLB 3 T-640
NTC 72-11611-124

April 71

OnnS6mmeMethods of Linearization and
Approximate Solution of Nonlinear Func-
tional Hquations, by B. A. Vertgeim.
RUSSIAN, per, Sibirskiy Mat Zhurnal,
Vol 6, No 3, 1965, pp 686-691.
Dept of Navy APL/JHU T-2250

Sci-Mat
May 69

380,944

On Fundamental Boundary-Value Problems for
General Elliptic Systems of Second Order with
Two Independent Variables, by A. Dzhuraev.
RUSSIAN, per, Sibirskii Matematicheskii Zhurnal,
Vol 6, No 4, 1965, pp 798-813.
NTC 71-13694-12A

Trans. APL/JHU 7-625

Feb 72

Solution of a Dirichlet Problem with a Shift and
of some Singular Integral Equations of the First
Kind, by G. N. Pykhteyev.
RUSSIAN, per, Sibirsk Matemat Zhur, Vol VI,
No 4, 1965, pp 900-917.
•Dept of Navy/APL No J-732

Sci - Math
Feb 66

On the Correctness of a Problem With
Initial Conditions For a Partial
Differential Equation, by
G. V. Demidov.
RUSSIAN, per, Sibirskii Matematicheskii
Zhurnal, Vol 6, No 5, 1965, pp 985-996
NTC 72-11319-12A
* DEPT OF NAVY/APL/JHU CLB-3 T-639

June 72
Sci-math

Stability Theorems for Almost-spherical Surfaces
by V. I. Diskant.
RUSSIAN, per, Sibirskii Matematicheskii Zhurnal,
Vol 6, No 6, 1968, pp 1254-1266.
Navy tr 5252 APL/JHU T-1987

Sci/Mathematical Sci
Par 67

320,660

Construction of Rapidly Converging
Iteration Algorithms for the Solution
of Integral Equations, by B. A. Bel'tyukov.
RUSSIAN, per, Sibirskii Matematicheskii
Zhurnal, Vol VI, No 6, 1965, pp 1415-1419.
*Dept of Navy/APL/JHU J-815

Sci-Math
May 66

EMBEDDING OF A SEMIORDERED SPACE INTO A SPACE
WITH IDENTIFY

BY: VIKTOR G. YAKOVLEVICH

IN: SIBIRSKIY MATEMATICHESKIY ZHURNAL, VOL. 2
JANUARY; ISSUE UNKNOWN 24 Sept. 65

DOI: UNKNOWN

2. Process as

FTD-MT-24-976-71

24
4/24/9

SIBIRSKIY MATEMATICHESKIY JURNAL
(Siberian Mathematical Journal of the
Academy of Sciences of the USSR,
Novosibirsk - bimonthly)
Translation begins with 1965, Vol. 7
Lag time: ca. 6 months
Order from: Plenum Publishing Corporation
227 West 17th Street
New York, N.Y. 10011
1971: \$ 185.00/year
\$ 30.00 single issues
\$ 15.00 single article reprints
add \$ 5.00 on overseas subscription

Russ

One-sided Estimates in Studies of the Solutions
of the Limit Cauchy Problem for Differential
Equations With an Unbounded Operator, by
Ya. D. Izzetov.
RUSSIAN, per, Sibirskii Matematicheskii Zhurnal
Vol 7, No 2, 1966, pp 513-137.
Navy tr 4981 APL/JHU T-1934

Sci/Mathematical Sciences
Nov 66

311,574

One-Sided Estimates of Solutions of Nonlinear
Differential Equations in Banach Spaces, by
R. N. Sultanov.
RUSSIAN, per, Sibirskii Mat Zh, Vol 8,
No 4, 1967, pp 859-864.
Dept of Navy APL/JHU T-2178

Sci/Math
Nov 68

368,528

On Completeness in Hp of a System of Functions,
by B. M. Dychkov & V. M. Grober.
RUSSIAN, per, Sibirskii Mat. Zh., Vol 8, No 4,
1967, pp 942-946.
Dept of Navy/APL/JHU T-2111

Sci/Math
Apr 68

351,240

Convergence of Approximate Methods
For Solving Differential Equations in
Banach Space, by G. M. Novruzov, 9 pp.
RUSSIAN, per, Sibirskii Mat. Zh.,
Vol 9, No 1, 1968, pp 129-135.
Dept of Navy APL/JHU T-2163

Sci/Math
Oct 68

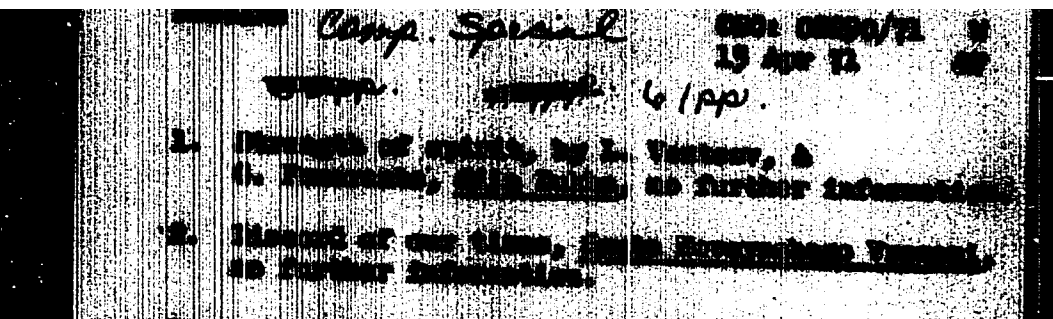
368, 944

1972, pp 9-19. No 6, Nov-Dec
JPRS 58543

Apr 73

Signals of Human Operator State, by
A. N. Ist'yanov, M. V. Prolov. 260 pp. 274 pp
RUSSIAN, bk, Signaly Sostoyaniya Cheloveka
Operatora, 1969. pp 1-235
NASA TT P-609-70

sci/b and m
july 70



2. Report of the time, from the time of the
in the time of the time.

Report of the time - Do not publish - translator's note
and one day.

Report of the time

RUSSIAN, Dr. Sil'vestr Perezhodnykh Metallov, 133 pp.
Sovetskoe Periodo, Moscow, 1971, 584 pp.
JPRS 56710

Aug 72

Transformer-Type High-Current Accelerator,
by Ye. A. Abramyan, V. A. Gaponov, 16 pp.
RUSSIAN, mono, Sil'notochnyy Uskoritel'na Osmove.
Transformatora, Novosibirsk, 1966, 21 pp.
JPRS 50119

Sci-Elec
Apr 70

406,089

Power Plants for Aircraft with Air-Breathing
Engines, by V. I. Polikovsky, et al. 339 pp.
RUSSIAN, book, Silovyye Ustanovki Letatel'nykh
Apparatov a Vozdushno-Reaktivnykh Dvigatelyami,
1965, pp 1-261.
AIR/FTD-HC-23-595-69

sci/aero
feb 71

The Analysis of a Cryotronic Associative
Element Controlling single Field Currents,
by I. D. Voytovich.
RUSSIAN, rpt, Seminar Fiziko-Tekhnologicheskiye
Voprosy Kibernetiki. Doklady, No 1, 1967,
pp 79-87.
*FTD-HT-23-942-68C

Sci/Phy.
Nov 68

Symmetry and Deformation Effects in Semi-
conductors, by G. I. Bir, G. Ye. Pikus.
approx. 480 pp.

RUSSIAN, bk, Simetriya i Deformatsionnye Effekty
v Poluprovodnikakh, 1970.
CONSULTANTS BUREAU/PLENUM PRESS

sci/physics
sept 69

390,858

A. V. Shubnikov

Symmetry in sciences and art. 380 pp.
RUSSIAN, bk. Simmetriya v nauke i iskusstve, 1978
CONSULTANTS BUREAU/PLENUM PRESS

expt 72

Symmetry in Nature, by I. I. Shafarevskiy.
RUSSIAN, bk. Simmetriya v Prirode, Moscow, 1966.
61

Sci/Physics
Dec 67

545,882

Influence of Active Gases on the Electro-physical Properties of the Surface of Silicon, by V. A. Arslambekov, G. V. Smirnov.

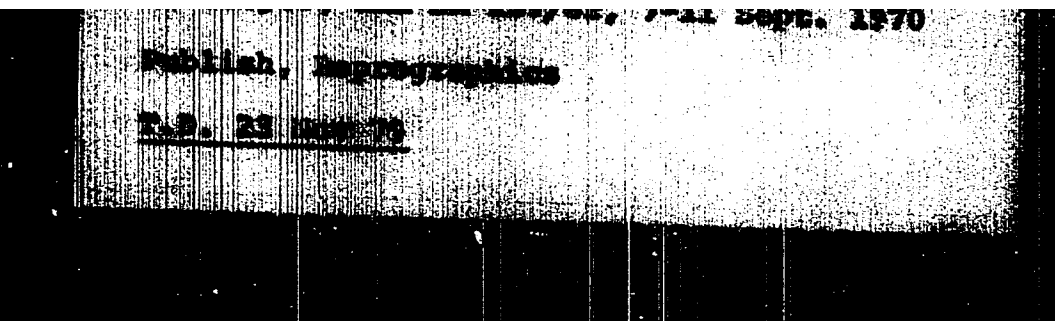
RUSSIAN, rpt, Simpozium po Elektronnykh Protsessam na Poverkhnosti i v Tonkikh Monokristallicheskiykh Sloyakh Poluprovodnikov, 1967, pp 7-12.

AIR/FTD/HT-23-622-68

**Sci-Phys
Apr 69**

379,577

[illegible]



Maximal Oxygen Consumption and the Functional
State of the Circulatory System Following
Simulated Weightlessness, by
V. S. Georgiyevskiy, L. I. Kakurin, et al. 6 pp.
RUSSIAN, rpt, Simpodium Posv/ashchenny Izuch-
eniye Kislorodnogo Rezhima Organizma i Yego
Regulirovaniya. Kanev, 1965, Kislorodnyy Rezhim
Organizma i Yego Regulirovaniya. Materialy
Simpodiuma, 1966, pp 225-229.
AIR/FTD/RT-23-124-68 AD 679 504

Sci/B&M
RNB 69

375,568

Supplying Fast Reactor Neutron Calculations
with Group Constants and the Requirements for
Nuclear Data, by M. N. Mikolayev, 49 pp.
RUSSIAN, per, Symposium SEV: Postovaniye i
Perpektivy Rabot po Sostaniyu AES s Reaktorami
na Vystrykh Neutronakh, Sbornik Dokladov,
Obinsk, 1967, pp 5-49.
JPRS 48331

Sol-Hal Sci & Tech
Jul 69

386,155

Introductory Remarks by the Chairman of the
State Committee on the Utilization of Atomic
Energy in the USSR, by A. M. Petros'yants,
5 pp.

RUSSIAN, per, Simpodium SEV: Sostoyaniye i
Perspektivy Rabot po Sozdaniyu AES s Reaktorami
na Bystrykh Neytronakh, Sbornik Dokladov,
Obninsk, 1967, pp 7-10.
JPRS 48330

Sci-Nucl Sci & Tech
Jul 69

386,124

Role of Fast Reactors in Atomic Power
Engineering, by A. I. Leypunskiy, 6 pp.
RUSSIAN, per, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Soudaniyu AES s Reaktorami
na Bystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967, pp 11-16.
JPRS 48330

Sci-Mech Sci & Tech
Jul 69

386,125

Fast Reactors in Czechoslovak Nuclear Power
Engineering and the Program of Joint Research
with the USSR, by M. Pashok, V. Shul'ts, 6 pp.
RUSSIAN, par. Symposium SKV: Sostoyaniye i
Perspektivy Rabot po Sozdaniyu AES s Reaktorami
na Bystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967, pp 17-22.
JPRS 48330

Sci-Nucl Sci & Tech
Jul 69

386,126

Study of Atomic Power Station Systems from the
Viewpoint of Complete Utilization of Nuclear
Fuel Reserves, by Ghen D'yula, 21 pp.
RUSSIAN, per, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po sozdaniyu AES s Reaktorami
na Bystrykh Neutronakh, Sbornik Dokladov,
Obinsk, 1967, pp 23-41.
JPRS 48330

Sci-Munal Sci & Tech
Jul 69

386,127

Basic Questions of the Dynamics of Nuclear
Systems Containing Fast Reactors, by
Wacław Frankowski, 72 pp.
RUSSIAN, per, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sozdaniyu AKS s Reaktorami
na Vystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967, pp 42-107.
JPRS 16330

Sci-Nucl Sci & Tech
Jul 69

186,128

Experimental Studies of Nuclear Constants for
Fast Reactors, by Yu. Ya. Stavitskiy.

V. F. Kuznetsov, 23 pp.

RUSSIAN, par. Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sostaniye AES i Reaktorami
na Vystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967. pp 50-68.

JPRS 48331

Sci-Nucl Sci & Tech
Jul 69

186,156

What Modern Theory Can Offer for Calculations
of Cross Sections of the Interaction of Neutrons
with Nuclei, by V. S. Stavinskiy, 8 pp.
RUSSIAN, per, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sostoyaniyu AES s Reaktorami
na Bystrykh Neutronakh, Sbornik Dokladov,
Obdinsk, 1967, pp 69-74.
JPRS 48331

Sci-Hval Sci & Tech
Jul 69

386,157

Methods of Calculating Fast Reactors, by
Sh. S. Nikolayshvili, Ye. I. Lyashenko, 24 pp.
RUSSIAN, per, Symposium SEV, Sostoyaniye i
Perspektivy Rabot po Sozdaniyu AES s Reaktoremi
na Bystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967, pp 73-96.
JPRS 48331

Sci-Med Sci & Tech
Jul 69

386,158

Effective Methods of Calculating the Neutron
Field in a Nuclear Reactor, by V. V. Khromov,
I. S. Slesarev, 19 pp.
RUSSIAN, per, Symposium SKV: Sostoyaniye i
Perspektivy Rabot po Sostoyaniye AES s Reaktorami
na Bystrykh Nevtromakh, Sbornik Dokladov,
Obinsk, 1967, pp 97-114.
JPRS 48331

Sci-Nucl Sci & Tech
Jul 69

226 150

Nuclear Fuel Balances and the Problems Gen-
erating from Them, by R. Rokshro,
Z. Kallats, 14 pp.

RUSSIAN, per, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sozdaniyu AES s Reaktorami
na Bystrykh Neytronakh, Sbornik Dokladov,
Otdinsk, 1967, pp 108-120.
JPRS 48330

Sci-Nucl Sci & Tech
Jul 69

336,129

Programs for Calculating Fast Critical Systems,
by Ja. Arkushevski, M. Borysiewicz, 14 pp.
RUSSIAN, per, Symposium SSV: Sostoyaniye i
Perspektivy Rabot po Sozdaniyu AES s Reaktorami
na Bystrykh Neytronakh. Sbornik Dokladov,
Odinsk, 1967, pp 115-125.
JPRS 48331

Sci-Mhol Sci & Tech
Jul 69

386,160

The BN-350 Atomic Electric Power Plant, by
A. I. Leypunskiy, I. I. Afrikantov, 28 pp.
RUSSIAN, per, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sozdaniyu AES s Reaktorami
na Bystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967, pp 123-150.
JPRS 48330

Sci-Nucl Sci & Tech
Jul 69

386,130

Calculation of Heterogeneous Effects in Fast-
Neutron Critical Assemblies, by J. Cernak,
8 pp.

RUSSIAN, per, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sozdaniyu AES s Reaktoremi
na Bystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967, pp 126-132.
JPRS 48331

Sci-Nucl Sci & Tech
Jul 69

386,161

Utilisation of Perturbation Theory to Calculate
Variations of Complex Flux and Importance
Functionals, by S. M. Zaritskiy, 24 pp.
RUSSIAN, per, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sozdaniyu AES s Reaktorami
na Bystrykh Nevtrozakh, Sbornik Dokladov,
Obinsk, 1967, pp 133-153.
JPRS 48331

Sci-Nucl Sci & Tech
Jul 69

336,162

Problems in the Development of a High-Capacity
Fast Power Reactor, by A. I. Leypunskiy,
V. V. Orlov, 13 pp.
RUSSIAN, par. Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sostaniyu AES s Reaktorami
na Bystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967, pp 151-164.
JPRS 48330

Sci-Nucl Sci & Tech

Review of the Existing Computational Programs
for Fast Neutron Reactors, by G. U. Bars,
H. Baloh, 6 pp.
RUSSIAN, par, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sostaniye AES s Reaktorami
na Bystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967, pp 154-159.
JPRS 48331

Sci-Jual Sci & Tech
Jul 69

36,163

Analytical Method of Calculating Heterogeneous
Cylindrical Nuclear Reactors, by
S. B. Strikhov, V. I. Davydov, 22 pp.
RUSSIAN, par. Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sostaniye AES s Reaktorami
na Bystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967, pp 160-176.
JPRS 48331

Sci-Nucl Sci & Tech
Jul 69

386,164

A Gas-Cooled Fast Reactor with High Heat
Release Rate, by S. M. Feynberg,

O. M. Kovalevich, 24 pp.

RUSSIAN, per, Symposium SKv: Sostoyaniye i
Perspektivy Rabot po Sozdaniyu AES s Reaktorami
na Bystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967, pp 165-192.

JPRS 48330

Sci-Nucl Sci & Tech
Jul 69

386,132

Survey of Fast-Reactor Physics Work Performed
on the BR-1, IIR, and BPS Reactors, by
A. I. Leypunskiy, V. V. Orlov, 59 pp.
RUSSIAN, per, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sozdaniyu AES s Reaktorami
na Bystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967, pp 177-224.
JPRS 48331

Sci-Nucl Sci & Tech
Jul 69

386,165

Fast Breeder Reactors Directly Cooled by a
Boiling Heat Transfer Fluid, by

Mieczyslaw Taube, 40 pp.

RUSSIAN, per, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Soudaniyu AES s Reaktorami
na Bystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967, pp 193-235.

JPRS 48330

Sci-Munal Sci & Tech
Jul 69

386,133

Review of Experimental Methods Developed at
Soviet Applicable to the Physics of Fast
Reactors, by L. Adamski, W. Dombek, 11 pp.
RUSSIAN, per, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sozdaniyu AES s Reaktorami
na Bystrykh Neutronakh, Sbornik Dokladov,
Obinsk, 1967, pp 225-235.
JPRS 48331

Sci-Nucl Sci & Tech
Jul 69

386,166

Statistical Methods as a Means of Monitoring
the Technological Safety of Power Reactors,
by A.I. Mogil'ner, 11 pp.
RUSSIAN, per, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sostoyaniye AES s Reaktorami
na Bystroym Neutronakh, Sbornik Dokladov,
Obninsk, 1967, pp 236-244.
JPRS 48331

Sci-Nucl Sci & Tech
Jul 69

36,167

The BOR Experimental Reactor and its Empirical Basis, by A. I. Leypunskiy, S. M. Blagovolin, 10 pp.

RUSSIAN, per. Symposium SKV: Sostoyaniye i Perspektivy Rabot po Sozdaniyu AES s Reaktorami na Bystrykh Neytronakh, Sbornik Dokladov, Obinsk, 1967, pp 236-248.

JPRS 48330

Sci-Nucl Sci & Tech
Jul 69

386,134

Account of Work on the Doppler Effect in Fast
Reactors, by Z. Kollatz, B. Bohmer, 21 pp.
RUSSIAN, par. Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sozdaniyu AES s Reaktorami
na Vystrykh Neytronakh. Sbornik Dokladov,
Obinsk, 1967, pp 245-258.
JPRS 48331

Sci-Nucl Sci & Tech
Jul 60

206 460

Results of Eight Year's Operation of the EB-5,
by A. I. Leypunskiy, O. P. Kazachkovskiy, 14 pp.
RUSSIAN, per. Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sozdaniyu AES s Reaktorami
na Bystrykh Neutronakh, Sbornik Dokladov,
Obinsk, 1967, pp 249-265.
JPRS 48330

Sci-fical Sci & Tech
Jul 69

36,135

Basic Principles for Selecting Regulating
Organs for Fast Power Reactors. Temperature
and Power Effects in Fast Reactors, by
V. V. Orlov, V. I. Matveyev, 42 pp.
RUSSIAN, par. Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sostoyaniye AKS s Reaktorami
n. Vystrykh Neutronakh, Sbornik Dokladov,
Obinsk, 1967, pp 259-293.
JPRS 48331

Sci-Nucl Sci & Tech
Jul 69

336,169

Heat Exchange Equipment of the IN-350 Reactor,
by A. I. Lopyunskiy, V. V. Stokel'nikov, 17 pp.
RUSSIAN, per, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sondaniyu AES s Reaktorami
na Bystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967, pp 269-286.
JPRS 48330

Sci-Mat Sci & Tech
Jul 69

386.136

Sodium Circulating Pumps of the BN-350 Atomic
Electric Power Stations, by I. K. Afrikantov,
V. I. Sharomov, 24 pp.

RUSSIAN, par, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sostaniyu AES s Reaktorami
na Bystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967, pp 287-311.
JPRS 48330

Sci-Nucl Sci & Tech
Jul 69

386,137

Characteristics of the Planning of Biological
and Activation Shielding for Fast Reactors,
by M. Ia. Kulakovskiy, 29 pp.

RUSSIAN, par, Symposium SEV: Sostoyaniye i
Perspektivy Rabot po Sozdaniyu AES s Reaktoremi
na Bystrykh Neutronakh, Sbornik Dokladov,
Obinsk, 1987, pp 294-318.
JPRS 48331

Sci-Med Sci & Tech
Jul 69

386,170

System of Monitoring and Measuring Instruments
for Fast Reactors, by A. N. Mitropol'skiy,
A. A. Petrenko, 20 pp.
RUSSIAN, per, Symposium SKV: Sostavaniye i
Perspektivy Rabot po Sozdaniyu AES s Reaktorami
na Bystrykh Neytronakh, Sbornik Dokladov,
Obinsk, 1967, pp 312-333.
JPRS 48330

Sci-Nucl Sci & Tech
Jul 69

386,138